



Europäisches Patentamt
European Patent Office
Office européen des brevets



Publication number:

0 581 227 A3

EUROPEAN PATENT APPLICATION

Application number: 93111922.6

Int. Cl.⁵: **H04N 5/92, H04N 5/91,
G11B 20/00**

Date of filing: 26.07.93

Priority: 28.07.92 JP 201414/92

Date of publication of application:
02.02.94 Bulletin 94/05

Designated Contracting States:
DE FR GB

Date of deferred publication of the search report:
09.03.94 Bulletin 94/10

Applicant: **HITACHI, LTD.**
6, Kanda Surugadai 4-chome
Chiyoda-ku, Tokyo 101(JP)

Inventor: **Okamoto, Hiroo, Higashitotsuka**
Haitsu 202, 201-2, Akibacho
Totsuka-ku, Yokohama-shi(JP)

Inventor: **Oku, Masuo, Kamakura**
Shiromeguri Halmu 205, 502-1-2, Shiromeguri
Kamakura-shi(JP)
Inventor: **Noguchi, Takaharu, Totsuka**
Hairazu 135, 884-1, Kamikuratacho
Totsuka-ku, Yokohama-shi(JP)
Inventor: **Arai, Takao**
65-24, Ibukino,
Midori-ku
Yokohama-shi(JP)

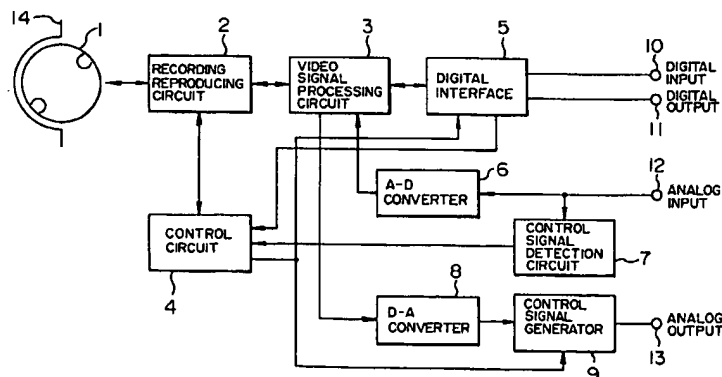
Representative: **Altenburg, Udo, Dipl.-Phys. et al**
Patent- und Rechtsanwälte,
Bardehle . Pagenberg . Dost . Altenburg .
Frohwitter . Geissler & Partner,
Postfach 86 06 20
D-81633 München (DE)

Apparatus for the recording and/or the reproducing of video signals.

In a reproducing apparatus, a generator circuit (9) for adding copy information during the vertical blanking period of a reproduced video signal output is provided, and copy information in compliance with copy information contained in the reproduced signal is added and delivered. In a recording apparatus, a

detection circuit (7) for detecting copy information in an inputted video signal is provided, and permission/inhibition of copy is controlled on the basis of the detected copy information and when copy is permitted, necessary copy information is generated and added to a recording signal.

FIG. 1





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 93 11 1922

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
Y	EP-A-0 348 218 (MACROVISION CORPORATION) * column 6, line 10 - column 7, line 49 * ---	1-14	H04N5/92 H04N5/91 G11B20/00
Y	EP-A-0 224 929 (SONY CORPORATION) * column 2, line 43 - column 10, line 18 * ---	1-14	
D,A	EP-A-0 328 141 (MATSUSHITA ELECTRIC INDUSTRIAL) * column 3, line 13 - line 25 * ---	1-14	
A	WO-A-85 02293 (HAUTE SECURITE VIDEO HSV) * page 2, line 24 - page 3, line 24 * * page 4, line 8 - page 9, line 16 * ---	1-14	
A	EP-A-0 297 242 (KABUSHIKI KAISHA TOSHIBA) * the whole document * ---	1-14	
A	EP-A-0 418 964 (N.V. PHILIPS GLOEILAMPENFABRIEKEN) * column 8, line 34 - column 9, line 52 * ---	1-14	
A	EP-A-0 256 753 (MACROVISION CORPORATION) * the whole document * ---	1-14	TECHNICAL FIELDS SEARCHED (Int.Cl.5)
A	WO-A-92 00649 (GO VIDEO INC.) * page 10, line 17 - page 12, line 15 * ---	1-14	H04N G11B
A	EP-A-0 422 849 (MATSUSHITA ELECTRIC CO LTD) * the whole document * ---	1-14	
A	US-A-4 914 694 (LEONARD E. ET AL) * column 26, line 10 - line 22 * -----	1,6	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12 January 1994	Examiner VERSCHULDEN, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons * : member of the same patent family, corresponding document			